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Declass Review by NIMA/DOD

M/EB 11/64
9 January 1964
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MEMORANDUM FOR: Chief, Military-Economics Division, ORR

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ATTENTION: 

THROUGH: Chief, Requirements Branch, Reconnaissance Group, CGS

FROM: Chief, CIA/PID (NPIC)

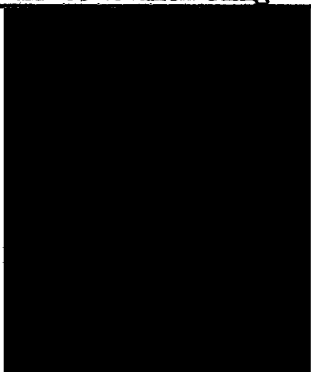
SUBJECT: Theodolite Azimuths at MRBM Sites in Cuba

REFERENCE: (a) Requirement C-SI-3-80,863
(b) CIA/PID Project C 1774-63

1. This memorandum is in response to your requirement dated 11 December 1963 which requests a re-analysis of the angular relationship between the theodolite stand and the launch ring at the MRBM launch sites in Cuba.

2. Azimuths from the theodolite stand to the launch ring are given only when they could be determined with 100 percent confidence. When it was judged that two objects were equally good candidates for the theodolite stand, azimuths for both were determined. A study of the theodolite stands identified revealed that some were square or slightly rectangular in shape and some were octagonal, however no reason has been determined for this difference.

The following is a listing of the azimuths obtained as a result of this project, along with a column stating (where possible) the configuration of each theodolite stand.

Location	Azimuth from Theodolite Stand to Launch Ring	Theodolite Stand Configuration
San Cristobal 1 (1)		square
San Cristobal (2)		square
San Cristobal (3)		square
San Cristobal (4)		square
San Cristobal 2 (1)		undetermined
San Cristobal (2)		undetermined
San Cristobal (3)		octagonal
San Cristobal (4)		octagonal
San Cristobal 3 (1)		square
San Cristobal (2)		undetermined
San Cristobal (3)		square
San Cristobal (4)		undetermined

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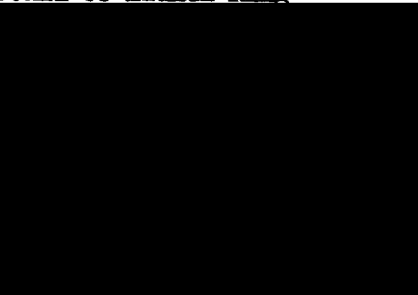
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GROUP 1 Excluded from automatic downgrading and declassification


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SUBJECT: Theodolite Azimuths at MRBM Sites in Cuba

M/EB 11/64

<u>Location</u>	<u>Azimuth from Theodolite Stand to Launch Ring</u>	<u>Theodolite Stand Configuration</u>
San Cristobal 4 (1)		square
San Cristobal (2)		square
San Cristobal (3)		square
San Cristobal (4)		square
25X1D Sagua La Grande 1		undetermined
Sagua La Grande 2 (1)		octagonal
Sagua La Grande (2)		undetermined
Sagua La Grande (3)		square
Sagua La Grande (4)		undetermined

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3. The photo analyst on this project is  and he may be contacted on extension 2079 should you have any further questions concerning this project.

4. This project is considered to be completed 

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